

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	295	4/601.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 17:05
S2	1	("6442775").PN.	USPAT; USOCR	OR	OFF	2007/05/30 10:07
S3	295	4/601.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 11:50
S4	28	S3 and (hand with held)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 11:50
S5	16	("1106914"   "1107614"   "2011446"   "2024930"   "2100186"   "2240392"   "3666179"   "3971074"   "4975993").PN. OR ("6442775").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 11:55
S6	1	("4752975").PN.	USPAT; USOCR	OR	OFF	2007/05/30 11:55
S7	25	("1054922"   "2867230"   "3121235"   "3471872"   "3822826"   "3913839"   "3971074"   "4203551"   "4282612").PN. OR ("4752975").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 11:57
S8	269	4/570	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 11:57
S9	9	("6473916"   "6502796"   "6550079"   "6594832").PN. OR ("D492004").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 12:01
S10	9	("6473916"   "6502796"   "6550079"   "6594832").PN. OR ("D492004").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 12:05

## EAST Search History

S11	10	("5265833"   "5277391"   "5704080"   "6024331"   "6050508"   "6123308"   "6199227").PN. OR ("6473916").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 12:06
S12	6	("D265874"   "D286838"   "D340376"   "D428125"   "D448069").PN. OR ("D492003").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 12:22
S13	2458	grohe.asn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:24
S14	679	S13 AND SHOWER	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:32
S15	4	((("1354838") or ("6442775") or ("4901927"))).PN.	USPAT; USOCR	OR	OFF	2007/05/30 12:29
S16	11	("1354838").URPN.	USPAT	OR	OFF	2007/05/30 12:29
S17	30	S14 AND (HAUG KOLLMANN).IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:32
S18	16	("1106914"   "1107614"   "2011446"   "2024930"   "2100186"   "2240392"   "3666179"   "3971074"   "4975993").PN. OR ("6442775").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 12:45
S19	967	4/615-617.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 18:32
S20	14	("3616466"   "4303201"   "4914759"   "5230106"   "5307528"   "5857225"   "6256808"   "D384129").PN. OR ("6550079").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 12:50

## EAST Search History

S21	54	("2496520"   "2685093"   "2697839"   "3005995"   "3048851"   "3616466"   "3737107"   "4174822"   "4271543"   "4360159"   "4561136").PN. OR ("4914759").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 13:19
S22	558	"248"/\$.CCLS. AND SHOWER	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:25
S23	21	S22 AND SHOWERHEAD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:22
S24	73	("1512581"   "2216149"   "2621968"   "2682127"   "2705603"   "2873999"   "3080140").PN. OR ("3865310").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/30 13:22
S25	188	S22 AND S6/\$.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:32
S26	930	HAND WITH HELD WITH SHOWER	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:32
S27	0	("2002/0116757").URPN.	USPAT	OR	OFF	2007/05/30 14:23
S28	1162	grohe.as.	DERWENT	OR	OFF	2007/05/30 14:39
S29	0	"DE19510949A1"	DERWENT	OR	OFF	2007/05/30 14:39
S30	344	S28 AND SHOWER	DERWENT	OR	OFF	2007/05/30 14:39
S31	58	4/615-617.CCLS. AND 4/601.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 14:53

## EAST Search History

S32	28	4/601.CCLS. AND (HAND WITH HELD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 14:53
S33	6	("D265874"   "D286838"   "D340376"   "D428125"   "D448069").PN. OR ("D492003"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 12:23
S34	21	"248"/\$.CCLS. AND (HAND WITH HELD) SAME SHOWER SAME HEAD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 12:24
S35	57	"248"/\$.CCLS. AND HAND SAME SHOWER SAME HEAD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 12:24
S36	485	SHOWER WITH HEAD WITH HOLDER	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 12:51
S37	455	S36 AND (SHOWER ADJ HEAD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 12:53
S38	64	S37 AND ("248"/\$.CCLS. or S36/\$. CCLS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 12:53

## EAST Search History

S39	157	"248"/\$.CCLS. AND "SHOWER" WITH "HEAD"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 22:50
S40	629	(248/284.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 23:31
S41	0	S40 and shower	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 23:31
S42	3	248/291.1.ccls. and shower	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 23:31
S43	9	("6473916"   "6502796"   "6550079"   "6594832").PN. OR ("D492004").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 23:34
S44	29	("1078283"   "1446887"   "1893435"   "20020109023"   "2073307"   "2588255"   "3471872"   "4091998"   "4303201"   "4752975"   "4914759"   "4956883"   "5012536"   "5148556"   "5339469"   "5788160"   "6286158"   "D385332"   "D418200"   "D433097"   "D454617"   "D465262"   "D492004").PN. OR ("D509562").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 23:35
S45	9	("6473916"   "6502796"   "6550079"   "6594832").PN. OR ("D492004").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 23:43
S46	1	holder near shower with tension	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 23:44

## EAST Search History

S47	5	holder with shower with tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 23:47
S48	712	(shower with head) same holder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 23:47
S49	659	(shower near head) same holder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 23:48
S50	26	S49 and tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 00:01
S51	1	("4174822").PN.	USPAT; USOCR	OR	OFF	2007/06/01 00:01
S52	85	("0814613"   "0935416"   "0973319"   "1690491"   "2471627"   "2621968"   "2704963"   "2927807"   "3843083"   "3979096").PN. OR ("4174822"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 00:01
S53	13	("3979096"   "4174822"   "4457031"   "5022103"   "5408709"   "5499767"   "D256610"   "D284688"   "D291912"   "D379218").PN. OR ("D435891"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 00:05
S54	1	("4071998").PN.	USPAT; USOCR	OR	OFF	2007/06/01 00:05
S55	1	("4071998").PN.	USPAT; USOCR	OR	OFF	2007/06/01 00:06
S56	1	("4091998").PN.	USPAT; USOCR	OR	OFF	2007/06/01 00:16

## EAST Search History

S57	0	("showeradjheadand(interferencefit )").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 00:17
S58	113	(shower adj head) and ("interference fit" or "friction fit")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 00:17
S59	406	(239/282-283).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 17:06
S60	445	(4/604-605).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 17:06